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MODIFICATION INSTRUCTIONS

for the

KODAK MINILOADER 2 PLUS,

MODELS STAND-ALONE, M35-M & 480RA

Service Codes 3236, 3239 & 3240

MODIFICATION No. M07

Type 1 Required

PURPOSE:

There is a faulty batch of miniature RELAYS (Part number 30025541) fitted to the PCB 301. The faulty RELAYS can either be slow to energise, or can drop out during the cycle, causing either a FILM pick-up problem, or FILMS being dropped during the cycle. The affected RELAYS are K12, K13, K17, K18, K19, K20 & K22.

IMPORTANT:	Only qualified service personnel should install this modification!		
SERIAL NUMBERS:	Model Stand-Alone	(3236)	3013 - 3019
	Model M35-M	(3239)	2640 - 2670
	Model 480RA	(3240)	4010 - 4011
INSTALLATION TIME:	Approximately 1 hour.		
SPECIAL TOOLS:	None		
PARTS REQUIREMENT:	Modification kit 30091107 See parts list on page 2.		
PARTS AVAILABILITY:	October 1993		

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PARTS LIST

PART NO.	DESCRIPTION	QUANTITY
30091107	MODIFICATION KIT	1
THE KIT CONTAINS:		
30025541	RELAY, MINIATURE	7
MA3239-M07	MODIFICATION INSTRUCTIONS	1

CAUTION

This equipment includes parts and assemblies sensitive to damage from electrostatic discharge. Use caution to prevent damage during all service procedures.

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MODIFICATION INSTRUCTIONS

1. Turn off the power to the MINILOADER.

2. Remove the TOP COVER and the FRONT PANEL. Make sure you disconnect all CABLES as you remove the FRONT PANEL.

3. Pull the PCB 301 forwards and remove the SCREWS which hold the clear plastic PROTECTION COVER in place. Disconnect the POTENTIOMETER for the TILT MOTOR (PLUG X111) and remove the COVER.

4. Taking ESD precautions, identify and remove the following RELAYS see the FIGURE on PAGE 4 :-

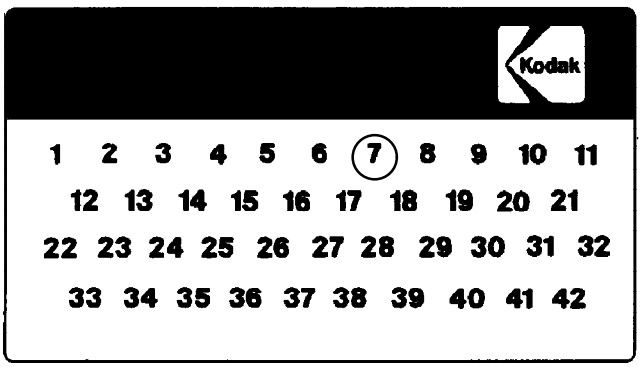
K12 CASSETTE VACUUM, 24 x 30
K13 MAGAZINE INJECTOR
K17 MAGAZINE VACUUM
K18 CASSETTE VACUUM, 18 x 24
K19 PRESSURE VENT
K20 CASSETTE INJECTOR
K22 STAND-BY OVERRIDE (NOT REQUIRED FOR MODEL STAND-ALONE)

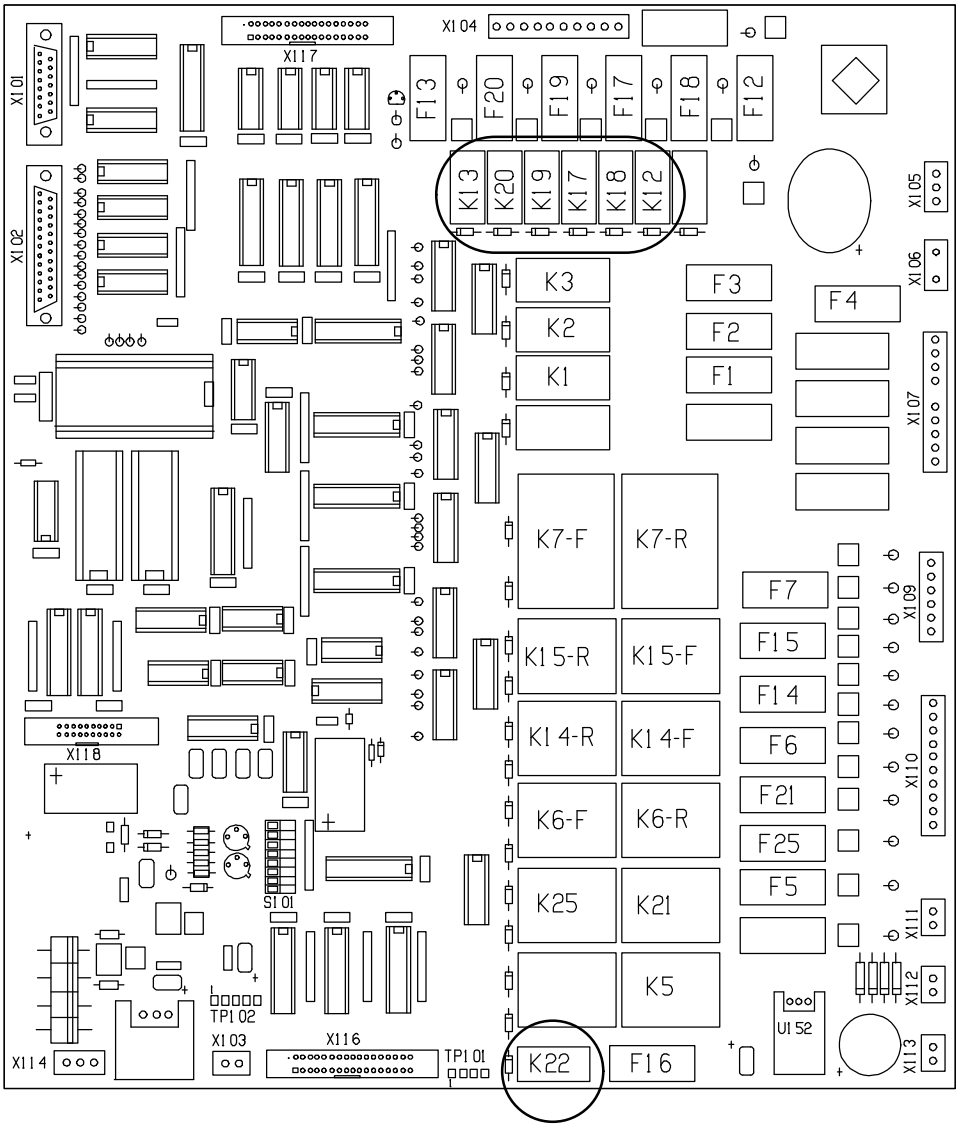
Examine the BATCH NUMBER that is printed on the SIDE of the RELAYS. If the BATCH NUMBER is 2912Y1, discard the RELAY and replace it with one of the new RELAYS from the MOD KIT.
IMPORTANT - ALL RELAYS OF BATCH NUMBER 2912Y1 MUST BE DESTROYED.
If any RELAYS are left over after doing the MODIFICATION, please return them to stock under PART NUMBER 30025541.

5. Plug the TILT MOTOR POTENTIOMETER back into SOCKET X111, and refit the plastic PROTECTION COVER to PCB 301.

6. Push PCB 301 back into position, and refit the FRONT PANEL making sure all the PLUGS are re-connected.

7. Circle M07 on the MODIFICATION LABEL. Test the MINILOADER using all sizes of FILM. Fill out and return the FORM on PAGE 5.





– *TILT MOTOR PLUG*

PCB 301

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IT IS VERY IMPORTANT THAT YOU FILL IN AND RETURN THIS FORM

SERIAL NUMBER OF MINILOADER	
K NUMBER OF MINILOADER	
DATE	
PRINT YOUR NAME	
COUNTRY	
HOW MANY RELAYS DID YOU HAVE TO REPLACE	

PLEASE RETURN THIS FORM (FROM ALL COUNTRIES) TO :-

W F CRICHTON
KODAK LIMITED, C/O DEPT. A3M
KODAK HOUSE
PO BOX 66
HEMEL HEMPSTEAD
HERTS. HP1 1JU
ENGLAND

HEALTH SCIENCES DIVISION

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